

What is claimed is:

1. An analysis system comprising:

a plurality of analyzers correspondingly mounted to a plurality of sampling points in which samples are respectively analyzed by said corresponding analyzers;

analysis routes for introducing the samples from said sampling points into said corresponding analyzers respectively;

substitute analysis routes at sending side for sending said samples to analyzers capable of analyzing same kinds of analysis objects as said samples out of said analyzers;

route switching means switchably connecting said analysis routes and said substitute analysis routes to said analyzers respectively;

substitute analysis route at receiving side being connected to at least one analyzer out of said analyzers and receiving said samples sent from said other analyzers via said route switching means.

2. The analysis system according to claim 1, wherein said route switching means is either a 3-way valve or 4-way valve.

3. The analysis system according to claim 1, wherein said substitute analysis route comprises a shutoff valve for shielding itself, and a discharge route communicating from said substitute analysis route to outside of the system and a shutoff valve for shielding said discharge route.

4. The analysis system according to claim 1, wherein said substitute analysis routes are connected between said analyzers analyzing the samples that do not react with one another.

5. An analysis system comprising:

a plurality of analyzers correspondingly mounted to a plurality of sampling points in which samples are respectively analyzed by said corresponding analyzer;

5 a common analyzer being capable of analyzing analysis objects in each of the analyzers;

analysis routes for introducing the samples from said sampling points into said corresponding analyzers;

10 substitute analysis routes for introducing said samples into said common analyzer;

route switching means switchably connecting said analysis routes and said substitute analysis routes to said analyzers respectively.

15 6. The analysis system according to claim 5, wherein said common analyzer is further provided with an outer sample introducing route to introduce thereto a sample from the outside, in addition to said substitute analysis routes.

7. An analysis method for analyzing each sample from a plurality of sampling points in a plurality of analyzers correspondingly mounted relative to said sampling points,

20 wherein, in case there occurs a discrepancy in an analyzer out of said analyzers, a sample designed to be analyzed by said analyzer is introduced into a substitute analyzer capable of analyzing a same kind of analysis object out of said other analyzers while a substitute analysis is effected by said substitute analyzer.

8. The analysis method according to claim 7, wherein said substitute

analyzer alternatively analyzes the sample designed to be analyzed thereby and the sample designed to be analyzed in the analyzer with the discrepancy.

9. An analysis method for analyzing each sample from a plurality of sampling points in a plurality of analyzers correspondingly mounted relative to said sampling points,

wherein a common analyzer capable of analyzing analysis objects of the plurality of analyzers, is further provided in addition to said plurality of analyzers, and the samples to be analyzed in the analyzers are serially switched and introduced into the common analyzer which analyzes the samples switchably.

10. The analysis method according claim 9, wherein, in case there occurs a discrepancy in an analyzer out of said analyzers, the common analyzer preferentially analyzes a sample designed to be analyzed in said analyzer with the discrepancy.